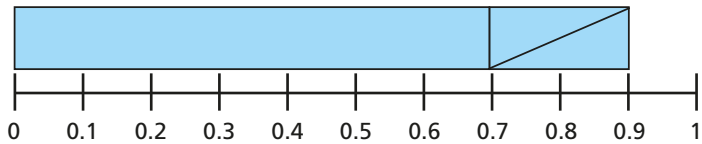


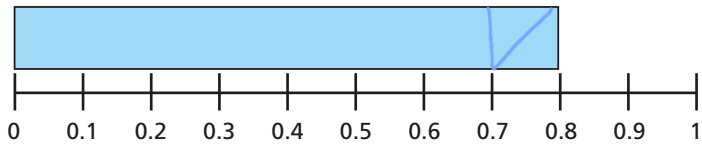
# Subtracting decimals within 1

- 1 Work out the subtractions.  
Use the number lines to help you.

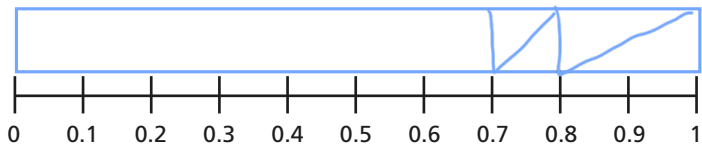
a)  $0.9 - 0.2 = 0.7$



b)  $0.8 - 0.1 = 0.7$



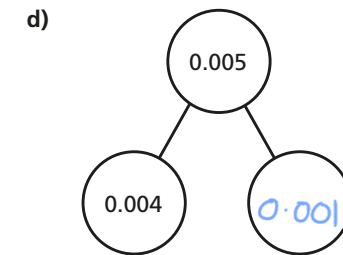
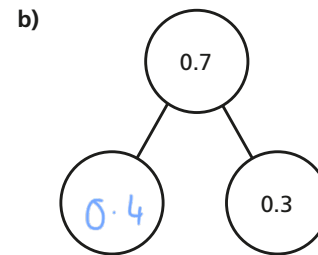
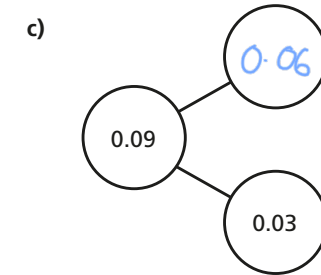
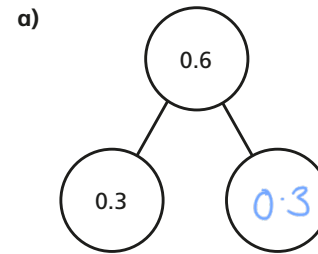
c)  $1 - 0.2 - 0.1 = 0.7$



What do you notice about your answers?



- 2 Complete the part-whole models.



- 3 Complete the subtractions.

Use the place value charts to help you. The first one has been started for you.

a)  $0.42 - 0.3 = 0.12$

| Ones | Tenths | Hundredths |
|------|--------|------------|
|      |        |            |

b)  $0.28 - 0.05 = 0.23$

| Ones | Tenths | Hundredths |
|------|--------|------------|
|      |        |            |



4 Use the column method to work out the subtractions.

a)

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   |   |   |   |   |
|  |   | 0 | • | 8 | 9 |
|  | - | 0 | • | 4 |   |
|  |   | 0 | • | 4 | 9 |

c)

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   |   |   |   |   |
|  |   | 0 | • | 7 | 7 |
|  | - | 0 | • | 6 | 8 |
|  |   | 0 | • | 0 | 9 |

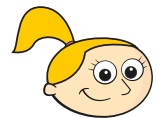
b)

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   |   |   |   |   |
|  |   | 0 | • | 7 | 7 |
|  | - | 0 | • | 6 | 4 |
|  |   | 0 | • | 1 | 3 |

d)

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  |   |   |   |   |   |
|  |   | 0 | • | 7 | 0 |
|  | - | 0 | • | 2 | 5 |
|  |   | 0 | • | 4 | 5 |

5



I can't work out  $0.56 - 0.099$  because 99 is bigger than 56

Do you agree with Eva? NO

Work out the answer to  $0.56 - 0.099$

$$\begin{array}{r} 0.560 \\ - 0.099 \\ \hline 0.461 \end{array}$$

0.461

6 Find the difference between 53 hundredths and 8 tenths.  
Give your answer as a decimal.

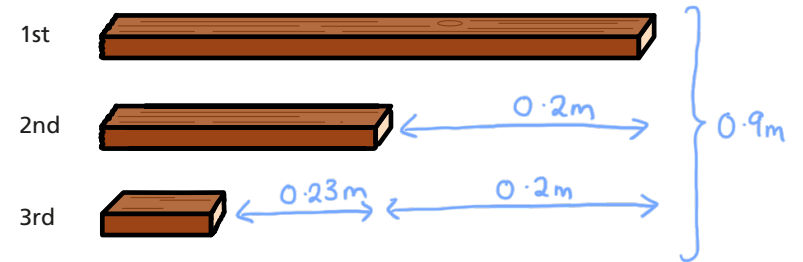
The difference between 53 hundredths and 8 tenths is 0.27

7 A piece of wood is 0.9 metres long.

It is cut into 3 unequal pieces.

The first piece is 0.2 metres longer than the second piece.

The third piece is 23 hundredths of a metre shorter than the second piece.



How long is each piece of wood?

1st = 0.51m      2nd = 0.31m      3rd = 0.08m